

Attorney Docket No.

4610-0027

My residence, I BELIEVE I A ORIGINAL, FI	M THE ORIGINAL, FIRST RST AND JOINT INVENT(clare that: tizenship are as stated below next to my name; AND SOLE INVENTOR (if only one name is listed below) OR a OR (if more than one name is listed below) OF THE SUBJECT R WHICH A PATENT IS SOUGHT ON THE INVENTION	AN		
ENTITLED:	METHYLENE PHOSPHONATE OLIGONUCLEOTIDE				
ENTITLES.	ANALOGS AND NUCLEOSIDES				
the specification	on of which: (check one)	is attached hereto; was filed on	as		
		and was amended on(if applicable)	_ ;		

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE;

I ACKNOWLEDGE THE DUTY TO DISCLOSE INFORMATION WHICH IS MATERIAL TO THE EXAMINATION OF THIS APPLICATION IN ACCORDANCE WITH TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (a) which states: "A duty of candor and good faith toward the Patent and Trademark Office rests on the inventor, on each attorney or agent who prepares or prosecutes the application and on every other individual who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application. All such individuals have a duty to disclose to the Office information they are aware of which is material to the examination of the application. Such information is material where there is a substantial likelihood that a reasonable examiner would consider it important in deciding whether to allow the application to issue as a patent. The duty is commensurate with the degree of involvement in the preparation or prosecution of the application.";

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application for patent or inventor's certificate on this invention having a filing date before that of the application on which priority is claimed:

COUNTRY/INTERNATIONAL APPLICATION NUMBER APP	OMBINED DECLARATION AND POWER	OF ATTORNEY	Attorney Docket	No.
hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Pati and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international conformations. Wittiam N. Benz-Reg. No. 22,5052 Kert Bozicevic-Reg. No. 28,807 Thomas E. Ciotti-Reg. No. 21,013 Bavid S. Dolbers Reg. No. 23,410 Kerneth N. Goldbarn-Reg. No. 24,409 Kerneth N. Goldbarn-Reg. No. 34,409 Kerneth N. Goldbarn-Reg. No. 34,409 Renald S. Lauris-Reg. No. 34,117 Ronald S. Lauris-Reg. No. 25,531 Debra A. Shetka-Reg. No. 33,309 Indiana E. Rede-Reg. No. 31,220 Address all telephone calls to: Kate H. Murashige At 415-327-7250. Address all telephone calls to: Kate H. Murashige At 415-327-7250. Address all telephone calls to: Kate H. Murashige At 415-327-7250. Address all telephone calls to: Kate H. Murashige At 415-327-7250. Address all telephone calls to: Kate H. Murashige At 415-327-7250. Address all telephone calls to: Kate H. Murashige At 415-327-7250. Address all telephone calls to: Kate H. Murashige At 415-327-7250. Address all telephone calls to: Kate H. Murashige At 415-327-7250. Address all telephone calls to: Kate H. Murashige At 415-327-7250. Address all telephone calls to: Kate H. Murashige At 415-327-7250. Address all telephone call			4610-00	27
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A 1 Trademark Office connected therewith and to file, prosecute and to transact all business in connection with internation polications directed to said invention: William N. Benz-Reg. No. 28,807 Thomas E. Clotti-Reg. No. 28,807 Thomas E. Clotti-Reg. No. 21,013 Bavid S. Dolberg-Reg. No. 34,469 Every M. Benz-Reg. No. 34,474 Ronald S. Leurie-Reg. No. 34,474 Ronald S. Leurie-Reg. No. 34,474 Ronald S. Leurie-Reg. No. 25,431 Ronald S. Leurie-Reg. No. 25,431 Roberts A. Shetta-Reg. No. 33,309 Indicate the state of the state				
Karl Sozicevic-Reg. No. 28,807 Thomas E. Ciotti-Reg. No. 21,013 David S. Dolberg-Reg. No. 34,469 Kernveth M. Goldsman-Reg. No. 34,669 Kernveth M. Goldsman-Reg. No. 34,144 Ronald S. Laurie-Reg. No. 25,431 Diarve E. Reed-Reg. No. 31,292 Roberta L. Robins-Reg. No. 33,208 Debra A. Shetka-Reg. No. 33,309 IRELL & MANIELLA JA55 Middlefield Road, Suite 200 Menlo Park, California 94025-3471 Iddress all telephone calls to: Kate H. Murashige at 415-327-7250. Thereby declare that all statements made herein of my own knowledge are true and that all statements made on information belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the lateractic process of the suit of the speciation or any patent issued the Application o	and I rademark Office connected therewith and to file	to prosecute said application and on, prosecute and to transact all bus	to transact all busined siness in connection t	ss in the Pat with internati
IRELL & MANELLA 545 Middlefield Road, Suite 200 Menlo Park, California 94025-3471 ddress all telephone calls to: Kate H. Murashige at 415-327-7250. Menereby declare that all statements made herein of my own knowledge are true and that all statements made on information declared to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the littles code and their statements may jeopardize the validity of the application or any patent issued the Universe source from the months of the policy of the application or any patent issued the CHRIS BUHR SCHARLE BUHR SCHARLE SCHARLE SCHARLE SCHARLE AND CAMPUS CHIZENSHP CHIZENSHP CHIZENSHP DATE MARK MATTEUCCI SCHOOL AND CHIZENSHP SCHARLE SCHOOL AND CHIZENSHP CHIZENSHP DATE MORBERT W. BISCHOFBERGER SCHOOL SCHOOL	Karl Bozicevic-Reg. No. 28,807 Thomas E. Ciotti-Reg. No. 21,013 David S. Dolberg-Reg. No. 34,469 Kenneth M. Goldman-Reg. No. 34,174	Kate H. Murashige-Reg. Matthew C. Rainey-Reg. Dianne E. Reed-Reg. No. Roberta L. Robins-Reg.	No. 29,959 No. 32,291 31,292 No. 33,208	
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